

## Detailed Data Tables: Injection Drug Users

Table 1. People living with HIV/AIDS on December 31, 2004 by exposure mode: Massachusetts		
	HIV/AIDS	
Exposure Mode:	N	%
Male-to-male sex (MSM)	5,003	33%
Injection Drug Use (IDU)	4,288	28%
MSM/IDU	479	3%
Receipt of Blood/Blood products	127	1%
Pediatric	278	2%
• Pediatric IDU-related <sup>1</sup>	39	1%
• Pediatric Non-IDU related and unknown risk	239	2%
Total Heterosexual Sex (HTSX)	2,056	13%
• HTSX w/ an injection drug user	879	6%
• HTSX w/bisexual male	32	<1%
• HTSX w/ person who received blood/blood products	25	<1%
• HTSX w/ a person w/ HIV or AIDS	1,120	7%
Total Undetermined/Other	3,058	20%
• Presumed Heterosexual - Unknown risk of partner	2,235	15%
• Undetermined/Other <sup>2</sup>	823	5%
<b>TOTAL</b>	<b>15,289</b>	<b>100%</b>
<sup>1</sup> Includes children born to mothers with a primary reported risk of injection drug use or heterosexual sex with an injection drug user <sup>2</sup> Includes those still being followed up for risk information, those who have died with no determined risk, those lost to follow-up, and one person with confirmed occupational exposure Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 7/1/05		

*Note: The category of “presumed heterosexual” is used in Massachusetts to re-assign people who are reported with no identified risk but who are known to have not reported any other risks except heterosexual sex with a partner of unknown HIV status or risk. Massachusetts uses this category to distinguish these cases from other undetermined cases about which we know less. Nationally, the Centers for Disease Control and Prevention categorizes “presumed heterosexual” cases as “no identified risk” (NIR). As such, comparisons of the presumed heterosexual category cannot be made to national data. Caution should be used in interpreting data for presumed heterosexual, as it is still not clear what the exposure risk is for people in this category. Although a person may not report other risk behaviors such as injection drug use or male-to-male sex to his/her health care provider, it does not necessarily mean that he/she has not engaged in them. There are many barriers to disclosing HIV risk behaviors in the health care setting such as a limited patient-provider relationship or stigma.*

**Table 2. People diagnosed with HIV infection by exposure mode: 2002 - 2004<sup>1</sup>, Massachusetts**

Exposure Mode:	HIV Diagnoses	
	N	%
Male-to-male sex (MSM)	884	32%
Injection Drug Use (IDU)	441	16%
MSM/IDU	57	2%
Receipt of Blood/Blood products	8	<1%
Pediatric	28	1%
Total Heterosexual Sex (HTSX)	347	13%
• HTSX w/ an injection drug user	121	4%
• HTSX w/bisexual male	4	<1%
• HTSX w/ person who received blood/blood products	4	<1%
• HTSX w/ a person w/ HIV or AIDS	218	8%
Total Undetermined/Other	1,005	36%
• Presumed Heterosexual <sup>2</sup>	363	13%
• Undetermined/Other <sup>3</sup>	642	23%
<b>TOTAL</b>	<b>2,770</b>	<b>100%</b>

<sup>1</sup> Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

<sup>2</sup> Heterosexual sex with partners with unknown risk and HIV status

<sup>3</sup> Includes those still being followed up for risk information, those who have died with no determined risk, those lost to follow-up, and one person with confirmed occupational exposure

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); Data as of 7/1/05

**Table 3. People living with HIV/AIDS on December 31, 2004 by health service region<sup>1</sup> and exposure mode: Massachusetts**

HSR	MSM	IDU	MSM/ IDU	HTSX	Other	Pres. HTSX	NIR	Total
Boston HSR	45%	18%	3%	11%	2%	15%	5%	<b>4,985</b>
Central HSR	20%	37%	3%	18%	4%	14%	4%	<b>1,347</b>
Metrowest HSR	38%	17%	3%	11%	3%	21%	8%	<b>1,872</b>
Northeast HSR	30%	25%	3%	15%	3%	18%	7%	<b>2,170</b>
Southeast HSR	35%	29%	3%	15%	3%	10%	5%	<b>2,130</b>
Western HSR	20%	36%	3%	19%	3%	14%	5%	<b>1,786</b>
Prison <sup>2</sup>	5%	74%	4%	6%	<1%	7%	3%	<b>991</b>

<sup>1</sup> Reflects the health service region of a person's residence at the time of report (not necessarily current residence); See Epidemiologic Profile General Appendices, Health Service Region Maps, available at

[http://www.mass.gov/dph/aids/research/profile2005/app5\\_hrs\\_maps.pdf](http://www.mass.gov/dph/aids/research/profile2005/app5_hrs_maps.pdf) for configuration of health service regions

<sup>2</sup> HSRs are regions defined geographically to facilitate targeted health service planning. While prisons do not constitute an HSR, the prison population is presented separately in this analysis because of its unique service planning needs. Prisons include only persons who were diagnosed with HIV/AIDS while in a correctional facility;

MSM = male-to-male sex; IDU = injection drug use; MSM/IDU = male-to-male sex and injection drug use; HTSX = heterosexual sex; Pres. HTSX = presumed heterosexual; NIR = No Identified Risk

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 7/1/05

**Table 4. Percent of people diagnosed with HIV infection by Health Service Region<sup>1</sup> and exposure mode: Massachusetts, 2002-2004<sup>2</sup>**

Health Service Region:	MSM	IDU	MSM/ IDU	HTSX	Other	Pres. HTSX <sup>3</sup>	Undet. <sup>4</sup>	Total
Boston HSR	42%	10%	2%	11%	1%	20%	12%	<b>925</b>
Central HSR	20%	22%	2%	13%	2%	30%	11%	<b>259</b>
Metro West HSR	31%	8%	1%	11%	2%	31%	17%	<b>369</b>
Northeast HSR	29%	14%	2%	12%	1%	26%	16%	<b>423</b>
Southeast HSR	36%	19%	2%	12%	1%	17%	13%	<b>361</b>
Western HSR	20%	24%	2%	18%	2%	22%	11%	<b>338</b>
Prison <sup>5</sup>	5%	53%	3%	12%	0%	23%	4%	<b>95</b>
<b>MA Total</b>	<b>32%</b>	<b>16%</b>	<b>2%</b>	<b>13%</b>	<b>1%</b>	<b>23%</b>	<b>13%</b>	<b>2,770</b>

<sup>1</sup> Reflects the health service region of a person's residence at the time of report (not necessarily current residence); See Epidemiologic Profile General Appendices, Health Service Region Maps, available at [http://www.mass.gov/dph/aids/research/profile2005/app5\\_hrs\\_maps.pdf](http://www.mass.gov/dph/aids/research/profile2005/app5_hrs_maps.pdf) for configuration of health service regions

<sup>2</sup> Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

<sup>3</sup> Heterosexual sex with partners with unknown risk and HIV status

<sup>4</sup> Includes those still being followed up for risk information, those who have died with no determined risk and those lost to follow-up

<sup>5</sup> HSRs are regions defined geographically to facilitate targeted health service planning. While prisons do not constitute an HSR, the prison population is presented separately in this analysis because of its unique service planning needs. Prisons include only persons who were diagnosed with HIV/AIDS while in a correctional facility

MSM = Male-to-male sex, IDU = Injection Drug Use, HTSX = Heterosexual Sex, Pres. HTSX = Presumed Heterosexual Sex, Undet. = Undetermined

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 7/1/05

**Table 5. Top 10 Cities/Towns<sup>1</sup> in Massachusetts by proportion of HIV infection diagnoses (HIV DX) with injection drug use or injection drug use and male-to-male sex as primary reported exposure mode: 2002-2004<sup>2</sup>**

Rank	City/Town	Number of HIV DX among IDU	Percent of Total HIV DX
1	New Bedford	30	44%
2	Fall River	17	39%
3	Holyoke	16	36%
4	Springfield	61	29%
5	Lawrence	17	26%
6	Worcester	40	25%
7	Framingham	7	20%
8	Chicopee	4	18%
9	Boston	112	14%
10	Medford	4	13%

<sup>1</sup> Among cities/towns with over 20 reported HIV infection diagnoses in the years 2002-2004. Note: reflects the city/town of a person's residence at the time of report (not necessarily current residence). People diagnosed while at a correctional facility are not included.

<sup>2</sup> Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis  
Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); Data as of 7/1/05

**Table 6. People living with HIV/AIDS on December 31, 2004 by gender and exposure mode: Massachusetts**

Exposure Mode:	Male		Female	
	N	%	N	%
Male-to-male sex (MSM)	5,003	46%	N/A	N/A
Injection drug use (IDU)	2,900	27%	1,388	31%
MSM/IDU	479	4%	N/A	N/A
Heterosexual sex	622	6%	1,434	32%
Other	231	2%	176	4%
Total Undetermined	1,636	15%	1,420	32%
• Presumed heterosexual sex <sup>1</sup>	1,064	10%	1,171	27%
• Undetermined <sup>2</sup>	572	5%	249	6%
<b>Total</b>	<b>10,871</b>	<b>100%</b>	<b>4,418</b>	<b>100%</b>

<sup>1</sup> Heterosexual sex with partners with unknown risk and HIV status

<sup>2</sup> Includes those still being followed up for risk information, those who have died with no determined risk, those lost to follow-up, and one person with confirmed occupational exposure; N/A=Not Applicable

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 7/1/05

**Table 7. People diagnosed with HIV infection from 2002 to 2004<sup>1</sup> by gender and race/ethnicity, where the mode of exposure is injection drug use (IDU)<sup>2</sup>, IDU-Related<sup>3</sup>, or Non-IDU Related/Unknown<sup>4</sup>: Massachusetts**

	IDU <sup>2</sup>		IDU-Related <sup>3</sup>		Non IDU-Related <sup>4</sup> /Unknown	
Gender:	N	%	N	%	N	%
Male	357	72%	31	26%	1,525	71%
Female	141	28%	90	74%	626	29%
Race/Ethnicity:	N	%	N	%	N	%
White NH	200	40%	28	23%	851	40%
Black NH	108	22%	35	29%	763	35%
Hispanic	178	36%	57	47%	461	21%
API	2	<1%	0	0%	44	2%
AI/AN	2	<1%	0	0%	2	<1%
Unknown	8	2%	1	1%	30	1%
<b>Total</b>	<b>498</b>	<b>100%</b>	<b>121</b>	<b>100%</b>	<b>2,151</b>	<b>100%</b>

<sup>1</sup> Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

<sup>2</sup> Includes primary reported exposure of injection drug use (IDU) and reported exposure of injection drug use and male-to-male sex (MSM)

<sup>3</sup> Includes heterosexual sex with an injection drug user, pediatric exposure with a maternal risk of injection drug use, and pediatric exposure with a maternal risk of sex with an injection drug user

<sup>4</sup> Includes MSM, Heterosexual sex w/ a person w/ HIV or AIDS and unspecified risk, Heterosexual sex with a Bisexual male, other heterosexual sex, presumed heterosexual sex (pres. HTSX), Blood/Blood Products, Pediatric exposures where maternal risk was NOT injection drug use or sex with an injection drug user, and all other/undetermined exposures; NH=Non-Hispanic, API=Asian/Pacific Islander, AI/AN=American Indian/Alaska Native

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); Data as of 7/1/05

**Table 8. People living with HIV/AIDS on December 31, 2004 by gender and race/ethnicity, where the mode of exposure is IDU<sup>1</sup>, IDU-Related<sup>2</sup>, or Non-IDU Related<sup>3</sup>: Massachusetts**

	IDU <sup>1</sup>		IDU-Related <sup>2</sup>		Non IDU-Related/Unknown <sup>3</sup>	
Gender:	N	%	N	%	N	%
Male	3,379	71%	190	21%	7,302	76%
Female	1,388	29%	728	79%	2,302	24%
Race/Ethnicity:	N	%	N	%	N	%
White NH	1,917	40%	265	29%	4,831	50%
Black NH	1,114	23%	241	26%	2,836	30%
Hispanic	1,703	36%	401	44%	1,685	18%
API	8	<1%	4	<1%	165	2%
AI/AN	10	<1%	3	<1%	9	<1%
Unknown	15	<1%	4	<1%	78	1%
<b>Total</b>	<b>4,767</b>	<b>100%</b>	<b>918</b>	<b>100%</b>	<b>9,604</b>	<b>100%</b>

<sup>1</sup> Includes primary reported exposure of injection drug use (IDU) and reported exposure of injection drug use and male-to-male sex (MSM)

<sup>2</sup> Includes heterosexual sex with an injection drug user, pediatric exposure with a maternal risk of injection drug use, and pediatric exposure with a maternal risk of sex with an injection drug user

<sup>3</sup> Includes MSM, Heterosexual sex w/ a person w/ HIV or AIDS and unspecified risk, Heterosexual sex with a Bisexual male, other heterosexual sex, presumed heterosexual sex (pres. HTSX), Blood/Blood Products, Pediatric exposures where maternal risk was NOT injection drug use or sex with an injection drug user, and all other/undetermined exposures; NH=Non-Hispanic, API=Asian/Pacific Islander, AI/AN=American Indian/Alaska Native

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); Data as of 7/1/05

**Table 9. People living with HIV/AIDS on December 31, 2004 where the mode of exposure is IDU<sup>1</sup>, gender by race/ethnicity: Massachusetts**

	White NH		Black NH		Hispanic		Other/Unknown		Total	
	N	%	N	%	N	%	N	%	N	%
Male	1,238	37%	789	23%	1,333	39%	19	1%	<b>3,379</b>	<b>100%</b>
Female	679	49%	325	23%	370	27%	14	1%	<b>1,388</b>	<b>100%</b>

<sup>1</sup> Includes primary reported exposure of injection drug use (IDU) and reported exposure of injection drug use and male-to-male sex; NH=Non-Hispanic

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); Data as of 7/1/05

**Table 10. People living with HIV/AIDS on December 31, 2004 where the mode of exposure is IDU-Related<sup>1</sup>, gender by race/ethnicity: Massachusetts**

	White NH		Black NH		Hispanic		Other/ Unknown		Total	
	N	%	N	%	N	%	N	%	N	%
Male	60	32%	61	32%	67	35%	2	1%	190	100%
Female	205	28%	180	25%	334	46%	9	1%	728	100%

<sup>1</sup> Includes heterosexual sex with an injection drug user, pediatric exposure with a maternal risk of injection drug use, and pediatric exposure with a maternal risk of sex with an injection drug user

NH=Non-Hispanic

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); Data as of 7/1/05

**Table 11. People diagnosed with HIV infection from 2002-2004<sup>1</sup> where the mode of exposure is IDU<sup>2</sup>, gender by race/ethnicity: Massachusetts**

	White NH		Black NH		Hispanic		Other/ Unknown		Total	
	N	%	N	%	N	%	N	%	N	%
Male	139	39%	76	21%	133	37%	9	3%	357	100%
Female	61	43%	32	23%	45	32%	3	2%	141	100%

<sup>1</sup> Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

<sup>2</sup> Includes primary reported exposure of injection drug use (IDU) and reported exposure of injection drug use and male-to-male sex

NH=Non-Hispanic

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); Data as of 7/1/05

**Table 12. People diagnosed with HIV infection from 2002 to 2004<sup>1</sup> by age at HIV diagnosis where the mode of exposure is IDU<sup>2</sup>, IDU-Related<sup>3</sup>, or Non-IDU Related<sup>4</sup>: Massachusetts**

	Primary IDU <sup>2</sup>		IDU-Related <sup>3</sup>		Non IDU-related/Unknown <sup>4</sup>	
Years	N	%	N	%	N	%
0 to 12	0	0%	0	0%	25	1%
13 to 19	5	1%	1	1%	41	2%
20 to 24	20	4%	5	4%	153	7%
25 to 29	29	6%	22	18%	244	11%
30 to 34	64	13%	17	14%	381	18%
35 to 39	106	21%	25	21%	446	21%
40 to 44	120	24%	18	15%	355	17%
45 to 49	83	17%	18	15%	230	11%
50+	71	14%	15	12%	276	13%
<b>Total</b>	<b>498</b>	<b>100%</b>	<b>121</b>	<b>100%</b>	<b>2,151</b>	<b>100%</b>

<sup>1</sup> Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

<sup>2</sup> Includes primary reported exposure of injection drug use (IDU) and reported exposure of injection drug use and male-to-male sex (MSM)

<sup>3</sup> Includes heterosexual sex with an injection drug user, pediatric exposure with a maternal risk of injection drug use, and pediatric exposure with a maternal risk of sex with an injection drug user

<sup>4</sup> Includes MSM, Heterosexual sex w/ a person w/ HIV or AIDS and unspecified risk, Heterosexual sex with a Bisexual male, other heterosexual sex, presumed heterosexual sex (pres. HTSX), Blood/Blood Products, Pediatric exposures where maternal risk was NOT injection drug use or sex with an injection drug user, and all other/undetermined exposures

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); Data as of 7/1/05



**Table 13. People living with HIV/AIDS on December 31, 2004 by current age where the mode of exposure is Primary IDU<sup>1</sup>, or Non-Primary IDU<sup>2</sup>: Massachusetts**

Years	Primary IDU <sup>1</sup>		IDU-Related <sup>2</sup>		Non IDU-related/Unknown <sup>3</sup>	
	N	%	N	%	N	%
0 to 12	0	0%	3	<1%	100	1%
13 to 19	1	<1%	28	3%	131	1%
20 to 24	17	<1%	20	2%	160	2%
25 to 29	71	1%	47	5%	390	4%
30 to 34	222	5%	88	10%	919	10%
35 to 39	742	16%	159	17%	1,692	18%
40 to 44	1,252	26%	208	23%	2,214	23%
45 to 49	1,238	26%	167	18%	1,752	18%
50+	1,224	26%	198	22%	2,246	23%
<b>Total</b>	<b>4,767</b>	<b>100%</b>	<b>918</b>	<b>100%</b>	<b>9,604</b>	<b>100%</b>

<sup>1</sup> Includes primary reported exposure of injection drug use (IDU) and reported exposure of injection drug use and male-to-male sex (MSM)

<sup>2</sup> Includes heterosexual sex with an injection drug user, pediatric exposure with a maternal risk of injection drug use, and pediatric exposure with a maternal risk of sex with an injection drug user

<sup>3</sup> Includes MSM, Heterosexual sex w/ a person w/ HIV or AIDS and unspecified risk, Heterosexual sex with a Bisexual male, other heterosexual sex, presumed heterosexual sex (pres. HTSX), Blood/Blood Products, Pediatric exposures where maternal risk was NOT injection drug use or sex with an injection drug user, and all other/undetermined exposures

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding); Data as of 7/1/05

**Table 14. Reported AIDS cases by exposure mode and year of diagnosis: Massachusetts, 1985-2004<sup>1</sup>**

	MSM		IDU		MSM/ IDU		HTSX		Other		Pres. HTSX <sup>2</sup>		Unde- term. <sup>3</sup>		To- tal
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
1985	142	63%	32	14%	12	5%	7	3%	13	6%	17	8%	3	1%	<b>226</b>
1990	479	44%	343	32%	45	4%	74	7%	58	5%	53	5%	27	3%	<b>1,079</b>
1995	436	31%	579	41%	63	5%	163	12%	36	3%	69	5%	53	4%	<b>1,399</b>
1996	353	30%	444	38%	36	3%	171	15%	34	3%	73	6%	50	4%	<b>1,161</b>
1997	243	26%	366	40%	34	4%	123	13%	22	2%	80	9%	49	5%	<b>917</b>
1998	255	27%	344	36%	28	3%	122	13%	18	2%	143	15%	51	5%	<b>961</b>
1999	227	25%	363	40%	25	3%	113	12%	4	<1%	156	17%	27	3%	<b>915</b>
2000	166	22%	264	34%	14	2%	129	17%	11	1%	149	19%	35	5%	<b>768</b>
2001	162	23%	205	30%	25	4%	107	16%	13	2%	134	19%	44	6%	<b>690</b>
2002	160	25%	175	27%	19	3%	102	16%	5	1%	132	20%	51	8%	<b>644</b>
2003	125	23%	145	27%	13	2%	78	15%	8	2%	106	20%	57	11%	<b>532</b>
2004 <sup>1</sup>	131	25%	128	24%	12	2%	57	11%	7	1%	117	22%	71	14%	<b>523</b>

<sup>1</sup> 2004 data are preliminary<sup>2</sup> Heterosexual sex with partners with unknown risk and HIV status<sup>3</sup> Includes those still being followed up for risk information, those who have died with no determined risk and those lost to follow-up

MSM = Male-to-Male Sex; IDU = Injection Drug Use; HTSX = Heterosexual Sex; Pres. HTSX = Presumed Heterosexual Sex;

Undeterm. = Undetermined

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 7/1/04

**Table 15. Deaths among persons reported with AIDS by mode of exposure and year of death: Massachusetts, 1985-2004<sup>1</sup>**

	MSM		IDU		MSM/ IDU		HTSX		Other		Pres. HTSX <sup>2</sup>		Unde- term. <sup>3</sup>		To- tal N
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	
1985	72	61%	16	13%	8	7%	0	0%	10	8%	11	9%	2	2%	119
1990	352	56%	156	25%	27	4%	25	4%	28	4%	28	4%	16	3%	632
1995	439	37%	453	38%	41	3%	134	11%	41	3%	29	2%	47	4%	1,184
1996	259	33%	335	42%	31	4%	88	11%	20	3%	36	5%	26	3%	795
1997	96	25%	184	47%	20	5%	48	12%	14	4%	6	2%	20	5%	388
1998	83	25%	181	55%	8	2%	29	9%	3	1%	12	4%	16	5%	332
1999	63	18%	187	54%	18	5%	29	8%	14	4%	25	7%	13	4%	349
2000	70	21%	177	53%	16	5%	23	7%	13	4%	23	7%	13	4%	335
2001	83	22%	182	49%	20	5%	26	7%	6	2%	29	8%	23	6%	369
2002	66	21%	167	53%	14	4%	30	9%	9	3%	19	6%	11	3%	316
2003	50	20%	131	51%	10	4%	29	11%	6	2%	14	5%	15	6%	255
2004 <sup>1</sup>	48	18%	137	51%	15	6%	23	9%	7	3%	20	7%	19	7%	269

<sup>1</sup> 2004 data are preliminary<sup>2</sup> Heterosexual sex with partners with unknown risk and HIV status<sup>3</sup> Includes those still being followed up for risk information, those who have died with no determined risk and those lost to follow-up

MSM = Male-to-Male Sex; IDU = Injection Drug Use; HTSX = Heterosexual Sex; Pres. HTSX = Presumed Heterosexual Sex;

Undeterm. = Undetermined

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 7/1/04

**Table 16. Percentage of Massachusetts Youth Risk Behavior Survey (YRBS) respondents reporting lifetime (ever) injection drug use by year and gender: Massachusetts, 1993-2003<sup>1</sup>**

Year	Males		Females		Total Male + Female	
	%	Total N <sup>2</sup>	%	Total N <sup>2</sup>	%	Total N <sup>2</sup>
1993	3.8	1,492	1.2	1,535	2.6	3,031
1995	4.5	2,056	1.0	2,038	2.8	4,102
1997	2.9	1,966	1.1	1,953	2.0	3,930
1999	3.6	2,188	1.6	2,178	2.7	4,382
2001	2.4	2,098	0.9	2,032	1.7	4,144
2003	2.9	1,765	1.5	1,816	2.2	3,588

<sup>1</sup> A random sample of high schools is selected for participation each year, data presented do NOT represent cohorts followed over time<sup>2</sup> Total N = total number of respondents by sex. The number of respondents for each question varies because not all questions are asked of everyone taking the survey and even when the question is asked some survey participants do not provide an answer

Data Source: Massachusetts Department of Education

<b>Table 17. Characteristics of state-funded needle exchange program clients: Massachusetts, fiscal year 2005<sup>1</sup></b>		
<b>Gender:</b>	<b>N</b>	<b>%</b>
Male	1,471	28%
Female	3,737	70%
Transgender	11	<1%
Undetermined <sup>2</sup>	96	2%
<b>Age, in Years<sup>3</sup>:</b>	<b>N</b>	<b>%</b>
18-19	265	5%
20-29	2,165	41%
30-39	1,343	25%
40-49	1,102	21%
50+	440	8%
<b>Race/Ethnicity:</b>	<b>N</b>	<b>%</b>
White Non-Hispanic	4,203	79%
Black/African American Non-Hispanic	287	5%
Hispanic	550	10%
Asian Non-Hispanic	23	<1%
Native Hawaiian/Pacific Islander Non-Hispanic	12	<1%
American Indian/Alaskan Native Non-Hispanic	35	1%
Multi-Race	13	<1%
Unidentified Race Non-Hispanic	48	1%
Undetermined <sup>2</sup>	144	3%
<b>Sexual Orientation:</b>	<b>N</b>	<b>%</b>
Heterosexual	4,277	80%
Bisexual	234	4%
Gay/lesbian	118	2%
Undetermined <sup>2</sup>	686	13%
<b>Needle Sharing Frequency:</b>	<b>N</b>	<b>%</b>
Always	123	2%
Sometimes	1,437	27%
Never	2,107	40%
Undetermined <sup>2</sup>	1,648	31%
<b>Age at First Injection:</b>		
Under age 20 years	1,730	33%
Age 20 years and above	2,468	46%
Undetermined <sup>2</sup>	1,117	21%
<b>Total</b>	<b>5,315</b>	<b>100%</b>
<sup>1</sup> July 1, 2004 through June 30, 2005		
<sup>2</sup> Undetermined includes participants who declined to include this information, were not asked this information, or for whom the information is otherwise missing		
<sup>3</sup> Average age over dates of exchanges throughout the year		
Data Source: MDPH HIV/AIDS Bureau		

**Table 18. Admissions to state-funded substance abuse treatment programs by needle use in the past year: Massachusetts, state fiscal year<sup>1</sup> 1995-2004**

Year	Used Needle		Did Not Use Needle		Total
	N	%	N	%	N
1995	18,932	19%	82,095	81%	101,027
1996	20,480	21%	79,333	79%	99,813
1997	22,262	21%	82,730	79%	104,992
1998	27,293	24%	87,851	76%	115,144
1999	29,437	25%	86,483	75%	115,920
2000	32,880	28%	86,344	72%	119,224
2001	33,133	27%	87,552	73%	120,685
2002	35,599	29%	87,867	71%	123,466
2003	35,168	30%	80,387	70%	115,555
2004	31,466	31%	69,607	69%	101,073

<sup>1</sup> July 1<sup>st</sup> of previous year – June 30<sup>th</sup> of the indicated year  
Data Source: MDPH Bureau of Substance Abuse Services

**Table 19. Admissions to state-funded substance abuse treatment programs by primary substance: Massachusetts, state fiscal year<sup>1</sup> 1995-2004**

Year	Alcohol		Cocaine		Crack		Heroin		Other		Total
	N	%	N	%	N	%	N	%	N	%	N
1995	51,895	51%	8,907	9%	9,244	9%	24,754	25%	6,227	6%	101,027
1996	51,736	52%	7,592	8%	7,746	8%	25,630	26%	7,109	7%	99,813
1997	56,075	53%	6,718	6%	7,025	7%	27,313	26%	7,861	7%	104,992
1998	58,898	51%	5,899	5%	5,764	5%	35,315	31%	9,268	8%	115,144
1999	57,421	50%	5,656	5%	5,123	4%	37,352	32%	10,368	9%	115,920
2000	56,824	48%	5,098	4%	4,885	4%	41,336	35%	11,081	9%	119,224
2001	56,066	46%	4,641	4%	4,157	3%	43,370	36%	12,451	10%	120,685
2002	55,450	45%	4,623	4%	4,170	3%	45,586	37%	13,637	11%	123,466
2003	49,273	43%	4,328	4%	4,066	4%	44,055	38%	13,833	12%	115,555
2004	42,544	42%	3,652	4%	3,495	3%	38,479	38%	12,903	13%	101,073

<sup>1</sup> July 1<sup>st</sup> of previous year – June 30<sup>th</sup> of the indicated year  
Data Source: MDPH Bureau of Substance Abuse Services

**Table 20. Characteristics of Admissions to State-funded Substance Abuse Treatment Programs by Needle Use in the Past Year: MA, Fiscal Year 2004<sup>1</sup>**

	Total Admissions		Admissions Reporting Needle Use in the Past Year	
By Gender:	N	%	N	%
Male	70,916	70%	21,725	69%
Female	30,157	30%	9,741	31%
By Race/Ethnicity:	N	%	N	%
White, Non-Hispanic	73,523	73%	22,665	72%
Black, Non-Hispanic	10,378	10%	1,710	5%
Hispanic	13,632	13%	6,048	19%
Other/Unknown	3,540	4%	1,043	3%
By Region <sup>2</sup> :	N	%	N	%
Western HSR	17,040	17%	3,961	13%
Central HSR	11,614	11%	4,259	14%
Northeast HSR	17,363	17%	6,056	19%
Metrowest HSR	13,257	13%	3,701	12%
Southeast HSR	21,549	21%	5,797	18%
Boston HSR	20,250	20%	7,692	24%
Out-of-state	1,151	1%	107	<1%
By Education:	N	%	N	%
Less than High School	29,556	29%	10,331	33%
High School graduate	49,520	49%	16,399	52%
More than High School	21,997	22%	4,736	15%
By Other Variables:	N	%	N	%
Employed	25,477	25%	2,778	9%
Not Employed	75,596	75%	28,688	91%
Homeless	18,630	18%	8,629	27%
Not Homeless	82,443	82%	22,837	73%
Pregnant	583	1%	275	1%
<b>Total<sup>3</sup></b>	<b>101,073</b>	<b>100%</b>	<b>31,466</b>	<b>100%</b>

<sup>1</sup> Fiscal Year 2004 = 7/1/03 – 6/30/04<sup>2</sup> Region is the Health Service Region (HSR) of the client's primary residence; see Epidemiologic Profile General Appendices, Health Service Region Maps, available at [http://www.mass.gov/dph/aids/research/profile2005/app5\\_hrs\\_maps.pdf](http://www.mass.gov/dph/aids/research/profile2005/app5_hrs_maps.pdf) for configuration of health service regions<sup>3</sup> Not all categories add up to total due to missing data; Data Source: MDPH Bureau of Substance Abuse Services